9. Valve de comanda pentru statii de filtrare

Valve de comanda

WS1CI

WS1TCD

Duplex Twin Alternating

Duplex – MAV

PRODUS DE AQUATECH INTERNATIONAL

CABINET

SIMPLEX

TWIN ALTERNATING

DUPLEX MAV

Performanta Valva Clack WS1TCD

- Debit service @15 psi/1 bar 6.12 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 6.12 m^3/h
- Presiune de operare : 1.4-8.6 bar
- Temperatura de operare :4-43°C
- Tanc dedurizare: 6''-21'', Tanc filtrare : 6''-21''
- Metode regenerare: timp 1-99 zile, saptamanal
- 5 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran: ora curenta, numarul zilelor pana la urmatoarea regenerare
- Material valva: Noryl
- Baterie Litium cu back-up 8 ore

Performanta Valva Clack WS1CI

- Debit service @15 psi/1 bar 6.12 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 6.12 m^3/h
- Presiune de operare : 1.4-8.6 bar
- Temperatura de operare :4-43°C
- Tanc dedurizare: 6''-21'', Tanc filtrare : 6''-21''
- Metode regenerare: Volumetric Imediat, Volumetric Intarziat, Cronometric Intarziat
- 9 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran: ora curenta, zile ramase pana la regenerare, volum ramas pana la regenerare, debitul instantaneu, total volum utilizat
- Material valva: Noryl
- Baterie Litium cu back-up 8 ore

Performanta Valva Clack WS1CI TWIN ALT.

- Debit service @15 psi/1 bar 6.36 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 3.40 m^3/h
- Presiune de operare : 1.4-8.6 bar
- Temperatura de operare :4-43°C
- Tanc dedurizare: 6''-21'', Tanc filtrare : 6''-21''
- Metode regenerare: Volumetric Imediat, Volumetric Intarziat, Cronometric Intarziat
- 9 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran: ora curenta, zile ramase pana la regenerare, volum ramas pana la regenerare,

Performanta Valva Clack Duplex MAV

- 2 Valve WS1CI +automatizare MAV
- Debit service @15 psi/1 bar 6.36 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 3.40 m^3/h
- Presiune de operare : 1.4-8.6 bar
- Temperatura de operare :4-43°C
- Tanc dedurizare: 6''-21'', Tanc filtrare : 6''-21''
- Metode regenerare: Volumetric Imediat, Volumetric Intarziat, Cronometric Intarziat
- 9 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran: ora curenta, zile ramase pana la regenerare, volum ramas pana la regenerare,

Valve de comanda FOBRITE certificata

NSF ROHS CE

E14M

DM

Performanta Valva E14M

- Debit service @15 psi/1 bar 4.5 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 1.6 m^3/h
- Presiune de operare : 1.4-8 bar
- Temperatura de operare :1-43 °C
- Tanc dedurizare: 6''-12'',
- Tanc filtrare : 6''-10''
- Metoda regenerare: Volumteric imediat/intarziat, timp
- 5 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran :ora curenta, zile ramase pana la regenerare, volum de apa pana la regenerare, volum de apa tratat
- Baterie Litium cu back-up 8 ore

Performanta Valva DM

- Debit service @15 psi/1 bar 4.5m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 4.0 m^3/h
- Presiune de operare : 1.4-8 bar
- Temperatura de operare :1-43 °C
- Tanc dedurizare: 6''-14'',
- Tanc filtrare : 6''-12''
- Metode regenerare:Volumetric imediat, Volumetric intarzit, Cronometric, Saptamanal
- 5 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran:ora curenta, zile ramase pana la regenerare, volum de apa pana la regenerare, volum de apa tratat
- Baterie Litium cu back-up 8 ore

PRODUS DE AQUATECH INTERNATIONAL

CABINET

SIMPLEX E14M

SIMPLEX DM

S10

Performanta Valva S10

- Debit service @25 psi/1,7 bar 2,7 m^3/h
- Debit service @15 psi/1 bar 2 m^3/h
- Debit spalare inversa @ 25 psi/1.7 bar 0.7 m^3/h
- Presiune de operare : 1,8 - 8 bari
- Temperatura de operare :1- 45 °C
- Tanc dedurizare: 6''-10''
- Metode regenerare:Volumetric imediat, Volumetric intarziat, Cronometric, Saptamanal Regenerare proportionala
- 5 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran:ora curenta, zile ramase pana la regenerare, volum de apa pana la regenerare, volum de apa tratata, diagnostice
- Baterie Litium cu back-up 8 ore
- Reglare duritate apa reziduala incorporat
- Ecran color LED 3"
- **Include By-pass**

Performanta Valva TW100 Duplex

- Debit service @25 psi/1,7 bar 5,4 m^3/h
- Debit service @15 psi/1 bar 4,2 m^3/h
- Debit spalare inversa @ 25 psi/1,7 bar 2 m^3/h
- Presiune de operare : 1.8—8 bar
- Temperatura de operare :1-45 °C
- Tanc dedurizare: 6''-18''
- Metode regenerare:Volumetric imediat
- 6 cicluri de regenerare
- Regenerare cu apa tratata
- Afisare pe ecran:ora curenta, zile ramase pana la regenerare, volum de apa pana la regenerare, volum de apa tratata, diagnostice Tanc service si tanc stand-by/regenerare
- Baterie Litium cu back-up 8 ore
- Ecran color LED 3"
- **Include By-pass**

9.1. Statii Automate de Dedurizare Tip Cabinet

AquaSlim | **Europa** | **Diamant** | **Arctic** | **Atlantic**

Rasina	Mod regenerare	In/ out	Debit Max.	Capac. ciclica	Cons. sare	Cabinet	Dedurizator Cabinet	Pret lista [euro]				
[litri]		*["]*	*[m^3/h]*	*[m^3/°G]*	*[Kg/ reg]*	*[L x l x h] cm*		TCD	CI	E14M	DM	S10*
6	Timp	1"	0.3	18	0.75	43x25x33	**Mini 6ET**	**542**				
6	Volum+Timp	1"	0.3	18	0.75	43x25x33	**Mini 6VT**		**674**	**382**	**449**	**355**
8	Timp	1"	0.5	24	1.0	40x28x35	**Bingo 8ET**	**547**				
8	Volum+Timp	1"	0.5	24	1.0	40x28x35	**Bingo 8VT**		**679**	**387**	**454**	**360**
10	Timp	1"	0.6	30	1.2	48x32x65	**Europa 10ET**	**588**				
10	Volum+Timp	1"	0.6	30	1.2	48x32x65	**Europa 10VT**		**720**	**428**	**495**	**401**
10	Timp	1"	0.6	30	1.2	60x35x67	**Diamant 10ET**	**604**				
10	Volum+Timp	1"	0.6	30	1.2	60x35x67	**Diamant 10VT**		**736**	**444**	**511**	**417**
10	Timp	1"	0.6	30	1.2	50x32x67	**Arctic 10ET**	**616**				
10	Volum+Timp	1"	0.6	30	1.2	50x32x67	**Arctic 10VT**		**747**	**455**	**522**	**428**
10	Timp	1"	0.6	30	1.2	50x32x67	**Atlantic 10ET**	**631**				
10	Volum+Timp	1"	0.6	30	1.2	50x32x67	**Atlantic 10VT**		**763**	**471**	**537**	**443**
10	Timp	1"	0.6	30	1.2	50x32x44	**AquaSlim 10ET**	**610**				
10	Volum+Timp	1"	0.6	30	1.2	50x32x44	**AquaSlim 10VT**		**742**	**450**	**517**	**422**
12	Timp	1"	0.72	36	1.5	60x35x67	**Diamant 12ET**	**612**				
12	Volum+Timp	1"	0.72	36	1.5	60x35x67	**Diamant 12VT**		**744**	**452**	**518**	**424**
12	Timp	1"	0.72	36	1.5	50x32x67	**Arctic 12ET**	**623**				
12	Volum+Timp	1"	0.72	36	1.5	50x32x67	**Arctic 12VT**		**755**	**463**	**530**	**436**
12	Timp	1"	0.72	36	1.5	50x32x67	**Atlantic 12ET**	**638**				
12	Volum+Timp	1"	0.72	36	1.5	50x32x67	**Atlantic 12VT**		**770**	**478**	**545**	**451**
12	Timp	1"	0.72	36	1.5	50x32x44	**AquaSlim 12ET**	**618**				
12	Volum+Timp	1"	0.72	36	1.5	50x32x44	**AquaSlim 12VT**		**749**	**457**	**524**	**430**

V3006 By-pass Clack Pentru toate sistemele TC, CI Extra cost - 44 euro

G3002 By-pass Fobrite Pentru toate sistemele E14M, DM Extra cost - 33 euro

By-pass S10 inclus in valva

*** Valvele S10 au robinet de mixing inclus si conexiuni de intrare/ iesire de 3/4"**

AquaSlim

Europa

Diamant

Arctic

Atlantic

Rasina	Mod regenerare	In/ out	Debit Max.	Capac. ciclica	Cons. sare	Cabinet	Dedurizator Cabinet	Pret lista [euro]			
[litri]		*["]*	*[m^3/h]*	*[m^3/°G]*	*[Kg/reg]*	*[L x l x h] cm*		TCD	CI	E14M	DM	S10*
15	Timp	1"	0.9	45	1.8	48x32x112	**Europa 15ET**	**642**				
15	Volum+Timp	1"	0.9	45	1.8	48x32x112	**Europa 15VT**		**774**	**482**	**549**	**455**
15	Timp	1"	0.9	45	1.8	60x35x112	**Diamant 15ET**	**660**				
15	Volum+Timp	1"	0.9	45	1.8	60x35x112	**Diamant 15VT**		**792**	**500**	**567**	**472**
15	Timp	1"	0.9	45	1.8	50x32x101	**Arctic 15ET**	**681**				
15	Volum+Timp	1"	0.9	45	1.8	50x32x101	**Arctic 15VT**		**813**	**521**	**587**	**493**
15	Timp	1"	0.9	45	1.8	50x32x101	**Atlantic 15ET**	**686**				
15	Volum+Timp	1"	0.9	45	1.8	50x32x101	**Atlantic 15VT**		**818**	**526**	**593**	**498**
15	Timp	1"	0.9	45	1.8	50x32x62	**AquaSlim 15ET**	**663**				
15	Volum+Timp	1"	0.9	45	1.8	50x32x62	**AquaSLim 15VT**		**795**	**503**	**570**	**476**
20	Timp	1"	1.2	60	2.4	48x32x112	**Europa 20ET**	**669**				
20	Volum+Timp	1"	1.2	60	2.4	48x32x112	**Europa 20VT**		**801**	**509**	**576**	**482**
20	Timp	1"	1.2	60	2.4	60x35x112	**Diamant 20ET**	**687**				
20	Volum+Timp	1"	1.2	60	2.4	60x35x112	**Diamant 20VT**		**819**	**527**	**594**	**499**
20	Timp	1"	1.2	60	2.4	50x32x101	**Arctic 20ET**	**700**				
20	Volum+Timp	1"	1.2	60	2.4	50x32x101	**Arctic 20VT**		**831**	**539**	**606**	**512**
20	Timp	1"	1.2	60	2.4	50x32x101	**Atlantic 20ET**	**705**				
20	Volum+Timp	1"	1.2	60	2.4	50x32x101	**Atlantic 20VT**		**836**	**544**	**611**	**517**
20	Timp	1"	1.2	60	2.4	50x32x62	**AquaSlim 20ET**	**682**				
20	Volum+Timp	1"	1.2	60	2.4	50x32x62	**AquaSLim 20VT**		**814**	**522**	**589**	**494**
25	Timp	1"	1.5	75	3.0	48x32x112	**Europa 25ET**	**688**				
25	Volum+Timp	1"	1.5	75	3.0	48x32x112	**Europa 25VT**		**820**	**528**	**595**	**500**
25	Timp	1"	1.5	75	3.0	60x35x112	**Diamant 25ET**	**706**				
25	Volum+Timp	1"	1.5	75	3.0	60x35x112	**Diamant 25VT**		**837**	**545**	**612**	**518**
25	Timp	1"	1.5	75	3.0	50x32x101	**Arctic 25ET**	**718**				
25	Volum+Timp	1"	1.5	75	3.0	50x32x101	**Arctic 25VT**		**850**	**558**	**625**	**530**
25	Timp	1"	1.5	75	3.0	50x32x101	**Atlantic 25ET**	**723**				
25	Volum+Timp	1"	1.5	75	3.0	50x32x101	**Atlantic 25VT**		**855**	**563**	**630**	**536**
25	Timp	1"	1.5	75	3.0	50x32x110	**AquaSlim 25ET**	**746**				
25	Volum+Timp	1"	1.5	75	3.0	50x32x110	**AquaSLim 25VT**		**877**	**585**	**652**	**558**

Rasina	Mod regenerare	In/ out	Debit Max.	Capac. ciclica	Cons. sare	Cabinet	Dedurizator Cabinet	Pret lista [euro]				
[litri]		*["]*	*[m^3/h]*	*[m^3/°G]*	*[Kg/reg]*	*[L x l x h] cm*		**TCD**	**CI**	**E14M**	**DM**	**S10***
30	Timp	1"	1.8	90	3.6	60x35x112	**Diamant 30ET**	**731**				
30	Volum+Timp	1"	1.8	90	3.6	60x35x112	**Diamant 30VT**		**862**	**570**	**637**	**543**
30	Timp	1"	1.8	90	3.6	50x32x114	**Arctic 30ET**	**762**				
30	Volum+Timp	1"	1.8	90	3.6	50x32x114	**Arctic 30VT**		**894**	**602**	**669**	**575**
30	Timp	1"	1.8	90	3.6	50x32x114	**Atlantic 30ET**	**771**				
30	Volum+Timp	1"	1.8	90	3.6	50x32x114	**Atlantic 30VT**		**903**	**611**	**678**	**583**
30	Timp	1"	1.8	90	3.6	50x32x110	**AquaSLim 30ET**	**764**				
30	Volum+Timp	1"	1.8	90	3.6	50x32x110	**AquaSlim 30VT**		**896**	**604**	**671**	**577**

Toate Dedurizatoarele includ: cabinet, tanc pentru rasina, sistem de distributie ptr. rasina, valva cu conectori si furtune, put pentru saramura, preaplin, rasina cationica.

Presiune de lucru: 2.1 – 6.2 bar

V3006 By-pass Clack Pentru toate sistemele TC, CI Extra cost - 40 euro

G3002 By-pass Fobrite Pentru toate sistemele E14M, DM Extra cost - 34 euro

By-pass S10 inclus in valva

*** Valvele S10 au robinet de mixing inclus si conexiuni de intrare/iesire de 3/4"**

9.2. Statii Automate de Dedurizare Tip Simplex

Volum Rasina	Mod regenerare	Debit Max.	Capac ciclica	Butoi ptr. saramura		Consum de sare	Tanc + Valva	Dedurizator Simplex	Pret lista				
[litri]		*[m³/h]*	*[m³/°G]*	*[litri]*	*[lxh] cm*	*[Kg/reg]*	*[dxh] cm*		*TCD*	*CI*	E14M	DM	S10
20	Timp	1.2	60	75	34x90	2.4	25x96	**AQ20ET**	**621**				
20	Volum+Timp	1.2	60	75	34x90	2.4	25x96	**AQ20VT**		**753**	**463**	**530**	**436**
25	Timp	1,5	75	75	34x90	3,0	25x96	**AQ25ET**	**640**				
25	Volum+Timp	1,5	75	75	34x90	3,0	25x96	**AQ25VT**		**772**	**482**	**549**	**455**
30	Timp	1,8	90	75	34x90	3,6	25x109	**AQ30ET**	**676**				
30	Volum+Timp	1,8	90	75	34x90	3,6	25x109	**AQ30VT**		**807**	**518**	**585**	**490**
35	Timp	2,1	105	75	34x90	4,2	25x132	**AQ35ET**	**705**				
35	Volum+Timp	2,1	105	75	34x90	4,2	25x132	**AQ35VT**		**836**	**547**	**614**	**519**
40	Timp	2,4	120	75	34x90	4,8	25x132	**AQ40ET**	**723**				
40	Volum+Timp	2,4	120	75	34x90	4,8	25x132	**AQ40VT**		**855**	**565**	**632**	**538**
45	Timp	2,7	135	100	34x116	5,4	25x157	**AQ45ET**	**755**				
45	Volum+Timp	2,7	135	100	34x116	5,4	25x157	**AQ45VT**		**886**	**597**	**664**	**570**
50	Timp	3,0	150	100	34x116	6,0	25x157	**AQ50ET**	**780**				
50	Volum+Timp	3,0	150	100	34x116	6,0	25x157	**AQ50VT**		**912**	**622**	**689**	**595**
55	Timp	3,3	165	100	34x116	6,6	30x142	**AQ55ET**	**819**				
55	Volum+Timp	3,3	165	100	34x116	6,6	30x142	**AQ55VT**		**951**	**661**	**728**	
60	Timp	3,6	180	100	34x116	7,2	30x152	**AQ60ET**	**853**				
60	Volum+Timp	3,6	180	100	34x116	7,2	30x152	**AQ60VT**		**985**	**695**	**762**	
65	Timp	3,9	195	100	34x116	7,8	30x152	**AQ65ET**	**872**				
65	Volum+Timp	3,9	195	100	34x116	7,8	30x152	**AQ65VT**		**1003**	**714**	**781**	
70	Timp	4,2	210	200	64x100	8,4	33x157	**AQ70ET**	**939**				
70	Volum+Timp	4,2	210	200	64x100	8,4	33x157	**AQ70VT**		**1070**	**781**	**848**	
75	Timp	4,5	225	200	64x100	9,0	33x157	**AQ75ET**	**957**				
75	Volum+Timp	4,5	225	200	64x100	9,0	33x157	**AQ75VT**		**1089**			
80	Timp	4,8	240	200	64x100	9,6	33x157	**AQ80ET**	**976**				
80	Volum+Timp	4,8	240	200	64x100	9,6	33x157	**AQ80VT**		**1108**			
85	Timp	5,1	255	200	64x100	10,2	36x185	**AQ85ET**	**1041**				
85	Volum+Timp	5,1	255	200	64x100	10,2	36x185	**AQ85VT**		**1172**			
90	Timp	5,4	270	200	64x100	10,8	36x185	**AQ90ET**	**1059**				
90	Volum+Timp	5,4	270	200	64x100	10,8	36x185	**AQ90VT**		**1191**			
95	Timp	5,7	285	200	64x100	11,4	36x185	**AQ95ET**	**1078**				
95	Volum+Timp	5,7	285	200	64x100	11,4	36x185	**AQ95VT**		**1210**			
100	Timp	6,0	300	200	64x100	12,0	36x185	**AQ100ET**	**1097**				
100	Volum+Timp	6,0	300	200	64x100	12,0	36x185	**AQ100VT**		**1228**			
110	Timp	6,5	330	200	64x100	13,2	40x185	**AQ110ET-HF**	**1167**				
110	Volum+Timp	6,5	330	200	64x100	13,2	40x185	**AQ110VT-HF**		**1299**			
120	Timp	6,5	360	200	64x100	14,4	40x185	**AQ120ET-HF**	**1205**				
120	Volum+Timp	6,5	360	200	64x100	14,4	40x185	**AQ120VT-HF**		**1336**			
130	Timp	6,5	390	200	64x100	15,6	40x185	**AQ130ET-HF**	**1242**				
130	Volum+Timp	6,5	390	200	64x100	15,6	40x185	**AQ130VT-HF**		**1374**			
140	Timp	6,5	420	200	64x100	15,6	46x185	**AQ140ET-HF**	**1479**				
140	Volum+Timp	6,5	420	200	64x100	15,6	46x185	**AQ140VT-HF**		**1611**			
150	Timp	6,5	450	200	64x100	18,0	46x185	**AQ150ET-HF**	**1517**				
150	Volum+Timp	6,5	450	200	64x100	18,0	46x185	**AQ150VT-HF**		**1648**			
175	Timp	6.5	525	200	64x100	21,0	46x185	**AQ175ET-HF**	**1610**				
175	Volum+Timp	6.5	525	200	64x100	21,0	46x185	**AQ175VT-HF**		**1742**			
200	Timp	6.5	600	200	64x100	24,0	53x172	**AQ200ET-HF**	**1963**				
200	Volum+Timp	6.5	600	200	64x100	24,0	53x172	**AQ200VT-HF**		**2095**			
250	Timp	6.5	750	200	64x100	30,0	61x195	**AQ250ET-HF**	**2297**				
250	Volum+Timp	6.5	750	200	64x100	30,0	61x195	**AQ250VT-HF**		**2428**			

Toate Dedurizatoarele includ: tanc pentru rasina, sistem de distributie ptr. rasina, valva cu conectori 1” si furtune, rasina cationica, vas pentru saramura, put pentru saramura, preaplin.

9.3. Statii Automate de Dedurizare Tip Duplex Clack

Sistemul foloseste rasina cationica pentru a realiza procesul de **schimbare de ioni.**

Procesul reprezinta trecerea apei printr-un pat filtrant de rasina, inlocuind astfel ionii de calciu si magneziu cu ioni de sodiu.

Principiul schimbarii de ioni se foloseste in procese precum purificarea, separarea si decontaminarea apei de continutul de ioni nedoriti din apa.

Statiile Automate de Dedurizare Profesionale sunt comandate de valve volumetrice ce au un debitmetru incorporat si masoara volumul de apa consumat si cand este cazul, declanseaza regenerarea. Sistemele volumetrice sunt comandate dupa volum, vor incepe procedura de regenerare numai atunci cand s-a consumat volumul de apa prestabilit. Aceasta metoda creste eficienta sistemului prin mentinerea timpului de regenerare, a consumului de apa si de sare la minimum, conducand la economii insemnate in ceea ce priveste costurile de exploatare suportate de catre beneficiar.

Sistemele DUPLEX asigura apa dedurizata 24 h / 7 zile.

Cand un tanc intra in regenerare celalalt asigura apa tratata.

Duplex Clack CI Twin

Duplex Clack CI MAV

Volum Rasina [litri]	Mod Regenerare	Racord ["]	Debit Max. [m^3/h]	Capacitate ciclica [$m^3/°G$]	Butoi ptr. saramura [litri]	Butoi ptr. saramura [lxh] cm	Consum de sare [Kg/reg]	2 Tancuri + Valva [dxh] cm	Dedurizator Duplex	Pret lista [euro] TWIN	Pret lista [euro] MAV
2 x 20	Volum	1"	1,2	60	75	34x90	2,4	25x96	**AQ20D**	**1318**	**1447**
2 x 25	Volum	1"	1,5	75	75	34x90	3,0	25x96	**AQ25D**	**1355**	**1484**
2 x 30	Volum	1"	1,8	90	75	34x90	3,6	25x109	**AQ30D**	**1427**	**1556**
2 x 35	Volum	1"	2,1	105	75	34x90	4,2	25x132	**AQ35D**	**1504**	**1632**
2 x 40	Volum	1"	2,4	120	75	34x90	4,8	25x132	**AQ40D**	**1522**	**1651**
2 x 45	Volum	1"	2,7	135	100	34x116	5,4	25x157	**AQ45D**	**1585**	**1714**
2 x 50	Volum	1"	3,0	150	100	34x116	6,0	25x157	**AQ50D**	**1625**	**1754**
2 x 55	Volum	1"	3,3	165	100	34x116	6,6	30x142	**AQ55D**	**1703**	**1831**
2 x 60	Volum	1"	3,6	180	100	34x116	7,2	30x152	**AQ60D**	**1771**	**1899**
2 x 65	Volum	1"	3,9	195	100	34x116	7,8	30x152	**AQ65D**	**1808**	**1937**
2 x 70	Volum	1"	4,2	210	200	64x100	8,4	33x157	**AQ70D**	**1928**	**2057**
2 x 75	Volum	1"	4,5	225	200	64x100	9,0	33x157	**AQ75D**	**1966**	**2094**
2 x 80	Volum	1"	4,8	240	200	64x100	9,6	33x157	**AQ80D**	**2003**	**2132**
2 x 85	Volum	1"	5,1	255	200	64x100	10,2	36x185	**AQ85D**	**2132**	**2261**
2 x 90	Volum	1"	5,4	270	200	64x100	10,8	36x185	**AQ90D**	**2170**	**2298**
2 x 95	Volum	1"	5,7	285	200	64x100	11,4	36x185	**AQ95D**	**2207**	**2336**
2 x 100	Volum	1"	6,0	300	200	64x100	12,0	36x185	**AQ100D**	**2244**	**2373**
2 x 110	Volum	1"	6,5	330	200	64x100	13,2	40x185	**AQ110D-HF**	**2386**	**2514**
2 x 120	Volum	1"	6,5	360	200	64x100	14,4	40x185	**AQ120D-HF**	**2460**	**2589**
2 x 130	Volum	1"	6,5	390	200	64x100	15,6	40x185	**AQ130D-HF**	**2535**	**2664**
2 x 140	Volum	1"	6,5	420	200	64x100	15,6	46x185	**AQ140D-HF**	**3010**	**3138**
2 x 150	Volum	1"	6,5	450	200	64x100	18,0	46x185	**AQ150D-HF**	**3084**	**3213**
2 x 175	Volum	1"	6,5	525	200	64x100	21.0	46x185	**AQ175D-HF**	**3271**	**3400**
2 x 200	Volum	1''	6.5	600	200	64x100	24.0	53x172	**AQ200D-HF**	**3978**	**4106**
2 x 250	Volum	1"	6,5	750	200	64x100	30.0	61x195	**AQ250D-HF**	**4644**	**4773**

9.4. Statii Automate de Dedurizare Tip Duplex Fobrite

Sistemul foloseste rasina cationica pentru a realiza procesul de **schimbare de ioni.**

Procesul reprezinta trecerea apei printr-un pat filtrant de rasina, inlocuind astfel ionii de calciu si magneziu cu ioni de sodiu.

Principiul schimbarii de ioni se foloseste in procese precum purificarea, separarea si decontaminarea apei de continutul de ioni nedoriti din apa.

Statiile Automate de Dedurizare Profesionale sunt comandate de valve volumetrice ce au un debitmetru incorporat si masoara volumul de apa consumat si cand este cazul, declanseaza regenerarea. Sistemele volumetrice sunt comandate dupa volum, vor incepe procedura de regenerare numai atunci cand s-a consumat volumul de apa prestabilit. Aceasta metoda creste eficienta sistemului prin mentinerea timpului de regenerare, a consumului de apa si de sare la minimum, conducand la economii insemnate in ceea ce priveste costurile de exploatare suportate de catre beneficiar.

Duplex Fobrite TW100 Twin

Sistemele DUPLEX asigura apa dedurizata 24 h / 7 zile.

Cand un tanc intra in regenerare celalalt asigura apa tratata.

Include bypass

Volum Rasina [litri]	Mod Regenerare	Racord ["]	Debit Max. [m^3/h]	Capacitate ciclica [$m^3/°G$]	Butoi ptr. saramura [litri]	[lxh] cm	Consum de sare [Kg/reg]	2 Tancuri + Valva [dxh] cm	Dedurizator Duplex	Pret lista [euro] TW100
2 x 20	Volum	1”	1,2	60	75	34x90	2,4	25x96	**AQ20D**	**964**
2 x 25	Volum	1”	1,5	75	75	34x90	3,0	25x96	**AQ25D**	**1001**
2 x 30	Volum	1”	1,8	90	75	34x90	3,6	25x109	**AQ30D**	**1073**
2 x 35	Volum	1”	2,1	105	75	34x90	4,2	25x132	**AQ35D**	**1149**
2 x 40	Volum	1”	2,4	120	75	34x90	4,8	25x132	**AQ40D**	**1168**
2 x 45	Volum	1”	2,7	135	100	34x116	5,4	25x157	**AQ45D**	**1231**
2 x 50	Volum	1”	3,0	150	100	34x116	6,0	25x157	**AQ50D**	**1270**
2 x 55	Volum	1”	3,3	165	100	34x116	6,6	30x142	**AQ55D**	**1348**
2 x 60	Volum	1”	3,6	180	100	34x116	7,2	30x152	**AQ60D**	**1416**
2 x 65	Volum	1”	3,9	195	100	34x116	7,8	30x152	**AQ65D**	**1454**
2 x 70	Volum	1”	4,2	210	200	64x100	8,4	33x157	**AQ70D**	**1574**
2 x 75	Volum	1”	4,5	225	200	64x100	9,0	33x157	**AQ75D**	**1611**
2 x 80	Volum	1”	4,5	240	200	64x100	9,6	33x157	**AQ80D**	**1649**
2 x 85	Volum	1”	4,5	255	200	64x100	10,2	36x185	**AQ85D**	**1778**
2 x 90	Volum	1”	4,5	270	200	64x100	10,8	36x185	**AQ90D**	**1815**
2 x 95	Volum	1”	4,5	285	200	64x100	11,4	36x185	**AQ95D**	**1853**
2 x 100	Volum	1”	4,5	300	200	64x100	12,0	36x185	**AQ100D**	**1890**
2 x 110	Volum	1”	4,5	330	200	64x100	13,2	40x185	**AQ110D**	**2031**
2 x 120	Volum	1”	4,5	360	200	64x100	14,4	40x185	**AQ120D**	**2106**
2 x 130	Volum	1”	4,5	390	200	64x100	15,6	40x185	**AQ130D**	**2181**

Optionale

Poza	Cod	Denumire	Descriere	Pret euro fara tva
	V3070FF/MM	Automatizare Clack - NHWB	Opreste apa catre consum in timpul spalarii/ regenerarii	220
	V3069MM	Automatizare Duplex Clack - MAV	Automatizare sistem Duplex	242
	V3191-01	Set Cot Adaptor Clack	Conector sistem Duplex	20
	V3007-14	Conector 3/4” Clack	Conector 3/4”	13
	V3007-06	Conector 1” Clack	Conector 1”	16
	V3007-08	Conector 1 1/4” Clack	Conector 1 1/4”	18
	V3007-16	Cot conector PVC 1" Clack	Conector PVC 1”	13
	V3193-02	Cheie Clack	Service valve Clack	20
	V3006	Bypass Clack	Bypass	40
	V3008-04	Adaptor DLFC 1”	Mareste debitul de spalare	18
	D1225-05	Cos Superior Clack 11Seg-1.05"	Creste debitul de lucru si de spalare	16
	D1212-04	Cos Inferior 11seg - 1.05"	Creste debitul de lucru si de spalare	10
	D7178-04 D7179-04	Cos Inferior 1,05" - 14"-24"	Creste debitul de lucru si de spalare	La cerere
	V3186EU	Alimentator electric valva Clack	Alimentator electric	21
	G3002	Bypass E14/DM	Bypass	34
	X3001	Bypass S10	Bypass	36
	07035	Alimentator electric valva E14/DM	Alimentator electric	16
		Alimentator electric valva S10	Alimentator electric	16